AMENDMENTS TO THE CLAIMS

This listing of claims replaces all prior versions, and listings, of claims in the application:

1   1.   (Currently Amended) A system capable of communicating with plural

2   devices on one or more networks, comprising:

3   a storage module to store address and port translation information; and

4   a controller adapted to receive a data unit from a first network, the data

5   unit having a source address, a source port, ~~and~~ a destination address, and a destination

6   port,

7   the controller adapted to further translate both the source address and the

8   destination address of the data unit and both the source port and destination port of the

9   data unit based on the address and port translation information.

1   2.   (Currently Amended) The system of claim 1, wherein the ~~network~~ address

2   and port translation information contains a first address and port associated with a first

3   device and a second address and port associated with a second device, the address and

4   port translation information to map the first address and port to a first alias address and

5   port and to map the second address and port to a second alias address and port.

1   3.   (Currently Amended) The system of claim 1, wherein the controller is

2   adapted to further transmit the data unit containing the translated source address and

3   source port and destination address and destination port to the first network or another

4   network.

1   4.   (Cancelled)

1   5.   (Currently Amended) The system of claim [[4]] 1, wherein the data unit

2   comprises an Internet Protocol (IP) header having a source IP address and a destination

3   IP address, and a User Datagram Protocol (UDP) header having a source UDP port and a

4   destination UDP port, and wherein the controller is adapted to translate both the source IP

5   address and destination IP address and both the source UDP port and destination UDP

6   port.

1   6.   (Original) The system of claim 1, wherein the data unit contains Real-

2   Time Protocol data.

1   7.   (Original) The system of claim 1, wherein the controller comprises a

2   media portal adapted to communicate data units containing media data between plural

3   devices, the system further comprising an agent adapted to perform call control signaling

4   to establish a call session in which the data units are communicated.

1   8.   (Currently Amended) The system of claim 7, wherein the agent is adapted

2   to communicate requests to the controller to dynamically create and update the address

3   and port translation information in a call session.

1   9.   (Original) The system of claim 1, wherein the data unit comprises a data

2   unit to be communicated between at least two devices in a call session.

1   10.   (Cancelled)

1   11.   (Cancelled)

1   12.   (Currently Amended) ~~The method of claim 11, further comprising:~~ A

2   method of communicating between two endpoints, comprising:

3   in a communications portal, providing a first interface to a first device and

4   providing a second interface to a second device;

5   transporting data units, through the communications portal, between the

6   first device and the second device;

7   the communications portal hiding an address of the first device from the

8   second device and hiding an address of the second device from the first device;

9   storing address translation information;

10   translating both a source address and a destination address of each data

11   unit;

12   storing port translation information; and

13   translating both a source port and a destination port of each data unit.

1   13.   (Original) The method of claim 12, wherein translating the source and

2   destination addresses and ports comprises translating Internet Protocol addresses and

3   User Datagram Protocol ports.

1   14.   (Currently Amended) The method of claim ~~11~~ 12, wherein storing the

2   address translation information and port translation information comprises storing a first

3   device address and port associated with the first device and a second device address and

4   port associated with the second device, and storing a first alias address and port mapped

5   to the first device address and port and a second alias address and port mapped to the

6   second device address and port.

1   15.   (Currently Amended) The method of claim 14, wherein providing the first

2   interface comprises providing the second alias address and port to represent the second

3   device to the first device, and providing the second interface comprises providing the first

4   alias address and port to represent the first device to the second device.

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1   16.   (Currently Amended) An article comprising at least one storage medium

2   containing instructions that when executed cause a system to:

3   store address translation information;

4   receive a data unit containing a source address and a destination address;

5   ~~and~~

6   translate both the source and destination addresses <u>of the data unit</u> based

7   on the address translation ~~table~~ <u>information;</u>

8   <u>partially create the address translation information in response to a request</u>

9   <u>to set up a communications session between a first terminal and second terminal; and</u>

10   <u>complete the address translation information in response to an</u>

11   <u>acknowledgment message responsive to the request.</u>

1   17.   (Original) The article of claim 16, wherein the instructions when executed

2   cause the system to further store the address translation information as an entry in an

3   address translation table having plural entries.

1   18.   (Original) The article of claim 17, wherein the instructions when executed

2   cause the system to use different entries of the address translation table for different

3   communications sessions.

1   19.   (Original) The article of claim 16, wherein the instructions when executed

2   cause the system to transmit the data unit with the translated source and destination

3   addresses.

1   20.   (Cancelled)

1   21.   (Original) The article of claim 16, wherein the instructions when executed

2   cause the system to further store port translation information, and to translate both the

3   source and destination port of the data unit based on the port translation information.

1   22.   (Original) The article of claim 16, wherein the instructions when executed

2   cause the system to receive the data unit comprising an Internet Protocol packet.

1   23.   (Currently Amended) The article of claim 16, wherein the instructions

2   when executed cause the system to further:

3   allocate an address for a~call~ the communications session, the address

4   being part of the address translation information; and

5   deallocate the address in response to termination of the call~

6   communications session.

1   24.   (Currently Amended) The article of claim 23, wherein the instructions

2   when executed cause the system to further use the deallocated address for another call~

3   communications session as needed.

1   25.   (New) The article of claim 16, wherein the request to set up the

2   communications session comprises a Session Initiation Protocol (SIP) Invite message,

3   and the acknowledgment message comprises a SIP OK message.

1   26.   (New) The system of claim 1, wherein the controller is adapted to further:

2   partially create the address and port translation information in response to

3   a request to set up a communications session between a first device and a second device;

4   and

5   complete the address and port translation information in response to an

6   acknowledgment message responsive to the request.

1   27.   (New) The system of claim 26, wherein the request to set up the

2   communications session comprises a Session Initiation Protocol (SIP) Invite message,

3   and the acknowledgment message comprises a SIP OK message.

1   28.   (New) The method of claim 12, further comprising:

2   partially creating the address and port translation information in response

3   to a request to set up a communications session between the first device and the second

4   device; and

5   completing the address and port translation information in response to an

6   acknowledgment message responsive to the request.

1   29.   (New) The method of claim 12, wherein translating the source address

2   and destination address of each data unit and translating the source port and destination

3   port of each data unit is performed by the communications portal.